| Inde | ex of C | laims |
|------|---------|-------|
|      |         |       |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/497,822      | FRENCH ET AL. |
| Examiner        | Art Unit      |
| Michael Pak     | 1646          |

| √ ' | Rejected |
|-----|----------|
| =   | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cli           | aim         |  |              | _        |  | Date   | e  |  |              |          | Cli      | aim      |                  |           |          | D        | ate           | _         |          |    | ] | Cla      | aim      |          |          |           | Ţ               | ate      |
|---------------|-------------|--|--------------|----------|--|--|--|--|--------------|----------|----------|----------|------------------|-----------|----------|----------|---------------|-----------|----------|----|---|----------|----------|----------|----------|-----------|-----------------|----------|
| Final         | Original    | 3/18/64  |              |          |  |  |  |  |              |          | Final    | Original |                  |           |          |          |               |           |          |    |   | Final    | Original |          |          |           |                 |          |
|               | ì           | 1  | -            |          |  | _  |  |  |              |          |          | 51       | $\vdash$         | $\top$    |          | 十        | $\dashv$      |           |          |    |   |          | 101      |          |          |           |                 |          |
|               | 1           |  |              | _        |  | $\vdash$   | <b>-</b>   |  |              |          |          | 52       |                  | 十         | T        | $\dashv$ | 十             | T         | $\neg$   | 1  | 1 |          | 102      |          |          |           | П               |          |
|               | R           | П  |              |          |  | -  |  |  |              |          |          | 53       |                  | 7         | 7        | $\top$   | 1             | T         |          |    | 1 |          | 103      |          |          |           | $\Box$          |          |
| ·             | <b>-</b> I- | -  |              |          |  | -  | $\vdash$   |  |              |          |          | 54       | $\Box$           | $\top$    | 1        | 1        | 1             |           |          |    | 1 |          | 104      |          |          |           |                 | $\top$   |
|               | 1           | П  |              |          | -  | $\vdash$   | <del>                                     </del> |  | Г            |          |          | 55       |                  |           | 1        | $\top$   |               | 1         | $\neg$   |    | 1 |          | 105      |          |          |           | П               |          |
|               | 1           | 1  |              |          |  | -  | $\vdash$   |  |              |          |          | 56       |                  |           | $\neg$   | _        | 一             | 7         | $\top$   |    | 1 |          | 106      |          |          |           | П               | $\neg$   |
|               | 7           | =  |              |          |  | ┢  | <b>†</b>   | <del>                                     </del> |              |          |          | 57       |                  |           | 1        | 十        | $\exists$     |           |          |    | 1 |          | 107      |          |          |           | П               |          |
| 2             | 8           | =  |              |          |  |  |  | $\vdash$   |              |          |          | 58       |                  |           | 7        | 1        |               | $\neg$    | $\neg$   |    | 1 |          | 108      |          |          |           | П               |          |
| _             | 8           | _  |              |          |  | <b>-</b>   | $\vdash$   |  |              |          |          | 59       | $\Box$           | 1         | $\top$   | $\dashv$ |               | T         | 一        | 1  | 1 |          | 109      |          |          |           | П               |          |
| 3             | 10          | =  |              |          |  | <u> </u>   | Г  |  |              | _        |          | 60       |                  |           | T        | $\top$   | 1             | T         | $\neg$   |    | 1 |          | 110      |          |          |           | T               |          |
|               | 14          | Ħ  |              |          |  | <del> </del>                                     |  |  |              |          |          | 61       |                  |           | T        | 1        | $\dashv$      | 7         | $\top$   |    |   |          | 111      |          |          |           |                 | $\neg$   |
| 4             | 12          | 三  |              |          |  | $\vdash$   | -  |  |              |          |          | 62       | $\Box$           |           | T        | $\top$   | $\dashv$      |           |          |    |   |          | 112      |          |          |           |                 |          |
| 1             | 13          | 11   |              |          |  | $\vdash$   |  | $\vdash$   |              |          |          | 63       |                  |           | 1        | 1        | 寸             | _         | $\top$   |    |   |          | 113      |          |          |           |                 |          |
| 1             | 14          | -  |              |          | $\vdash$   | H  |  | <del>                                     </del> |              |          |          | 64       |                  | 1         | ┪        | 1        | T             |           |          |    |   |          | 114      |          |          |           | $\neg$          | $\top$   |
| 1             | 15          |  |              |          |  | $\vdash$   |  |  |              |          |          | 65       | $\vdash$         | 十         |          | $\top$   | ヿ             | T         | _        |    |   |          | 115      |          |          |           | $\Box$          | $\neg$   |
| 1             | 16          |  |              |          |  | $\vdash$   | -  |  | H            |          |          | 66       | 1-1-             | +         | 1        | +        | $\dashv$      | _         | _        |    | 1 |          | 116      |          |          |           |                 | $\top$   |
| 6789          | 17          | 1  |              |          |  | $\vdash$   | H  |  | $\vdash$     |          |          | 67       |                  | Ť         | T        | 7        | -+            | _         | 1        |    | 1 |          | 117      |          |          |           | $\neg$          | 1        |
| <del></del> - | 18          | _  |              |          |  | ┢  | <del>                                     </del> |  | H            |          | ļ        | 68       |                  | $\top$    | 十        | +        | 1             | 7         |          |    | 1 |          | 118      |          |          |           | T               | $\top$   |
|               | 19          | H  |              |          | -  | $\vdash$   | $\vdash$   | -  | -            | _        |          | 69       |                  | +         | 1        | $\dashv$ | -†            | _         | _        |    |   |          | 119      |          |          | $\neg$    | $\neg$          |          |
| -             | 20          | H  |              |          |  | $\vdash$   | $\vdash$   |  |              |          |          | 70       | $\vdash$         | $\dagger$ | 1        | +        | +             | _         | $\dashv$ |    | 1 |          | 120      |          |          |           | $\neg$          | _        |
|               | 21          | H  |              |          |  | $\vdash$   | $\vdash$   |  |              | -        |          | 71       | $\vdash$         | $\dashv$  |          | +        | +             | $\dashv$  | _        |    |   |          | 121      |          |          |           | $\exists$       |          |
|               | 22          | H  |              |          |  | $\vdash$   | $\vdash$   |  | Н            |          |          | 72       | +                | +         | _        | $\dashv$ | 1             | 1         | $\top$   |    | 1 |          | 122      |          |          |           | $\exists$       | $\dashv$ |
|               | 23          |  |              |          | -  | $\vdash$   | ╁  | -  | _            |          |          | 73       |                  | +         | +        | +        | +             | 7         | $\top$   |    | 1 |          | 123      | $\Box$   |          |           | $\neg \uparrow$ |          |
|               | 24          | H  |              |          |  | $\vdash$   | $\vdash$   |  | -            |          |          | 74       |                  | +         | +        | $\dashv$ | $\dashv$      | 十         | $\top$   |    | 1 |          | 124      |          |          |           | $\exists$       | $\top$   |
|               | 25          | -  |              |          |  | Ė  | $\vdash$   | -  | $\vdash$     |          | ļ        | 75       | $\vdash$         | $\dashv$  | +        | $\top$   | 1             | 1         | $\dashv$ | +- | 1 |          | 125      | П        |          |           | - 1             | +        |
|               | 26          | H  |              | _        | $\vdash$   |  | ╁  |  |              |          | -        | 76       |                  | _         | -        | -        | $\rightarrow$ | $\dashv$  | +        | +  | 1 |          | 126      | -        | -        |           | _               |          |
| -             | 27          |  |              |          | $\vdash$   |  |  | $\vdash$   |              |          |          | 77       |                  | +         | $\dashv$ | 7        | +             | 1         | $\dashv$ |    | 1 |          | 127      |          | _        |           | $\neg$          | $\top$   |
|               | 28          |  |              |          |  | -  | $\vdash$   | $\vdash$   | $\vdash$     |          |          | 78       | _                |           | 十        | 1        | 1             | 十         | $\dashv$ |    |   |          | 128      |          |          |           | $\neg$          | +        |
|               | 29          |  |              |          | H  | -  | $\vdash$   | -  | -            |          |          | 79       |                  | +         | $\dashv$ | +        | _             |           |          | +  |   | <u> </u> | 129      |          |          |           | $\dashv$        | +        |
| ļ             | 30          | $\vdash$   |              |          |  |  | ╁╌   | <del> </del>                                     |              | _        | -        | 80       | $\vdash$         | +         | $\dashv$ | +        | 十             | -+        | _        |    | 1 |          | 130      |          |          |           | $\dashv$        | +        |
|               | 31          | $\vdash$   |              |          |  |  | $\vdash$   | <del>                                     </del> | -            | _        | _        | 81       | 1                | -         | +        | $\dashv$ | +             | -+        |          |    | 1 |          | 131      |          |          |           | $\exists$       | $\pm$    |
| -             | 32          | $\vdash$   | _            |          | -  |  | $\vdash$   |  |              | $\dashv$ | -        | 82       |                  | +         | +        | $^{+}$   | $\dashv$      | -+        | $\top$   | +  |   |          | 132      |          |          |           | $\neg$          | $\dashv$ |
| <b> </b>      | 33          | Н  | _            |          | H  |  | -  |  | -            |          |          | 83       |                  | +         | -+       | +        | _             | T         | $\top$   | +  | 1 |          | 133      |          |          |           |                 | _        |
| <b></b>       | 34          | $\vdash$   | H            |          |  |  | ╁╌   |  |              | $\dashv$ | <u> </u> | 84       |                  | $\dashv$  | -+       | +        | $\dashv$      | $\dashv$  | $\dashv$ |    | 1 |          | 134      |          |          |           | $\dashv$        | +        |
|               | 35          | $\vdash$   | -            |          | $\vdash$   | $\vdash$   | ├  | $\vdash$   | H            | $\dashv$ |          | 85       | 1 1              | $\dashv$  | _        | $^{+}$   | $\dashv$      | $\dashv$  | +        | +  | 1 |          | 135      |          |          |           | , –             | -        |
|               | 36          | <del>                                     </del> |              |          | $\vdash$   | -  | <del> </del>                                     |  | H            |          |          | 86       | +                | +         | +        | $\dashv$ | $\dashv$      | 十         | -+       |    | 1 |          | 136      |          |          |           | $\dashv$        | +        |
| $\vdash$      | 37          | $\vdash$   |              |          | -  |  |  | <del>                                     </del> | -            | $\dashv$ | -        | 87       | +                | +         | +        | +        | -+            | +         | +        | +  | 1 |          | 137      |          |          |           | $\dashv$        | _        |
| <b> </b>      | 38          | $\vdash$   | $\vdash$     | $\vdash$ | <del>                                     </del> |  | $\vdash$   | <del> </del>                                     | <del> </del> | $\dashv$ |          | 88       | tt-              | +         | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | +        | +  | 1 |          | 138      | Н        |          |           | $\dashv$        | $\dashv$ |
| <u> </u>      | 39          | $\vdash$   | -            | -        |  |  | $\vdash$   |  | -            | $\dashv$ |          | 89       | t                | +         | $\dashv$ | $\dashv$ | -             |           | +        | +  | 1 | <b></b>  | 139      | Н        |          |           | $\dashv$        | -        |
|               | 40          |  | -            |          | $\vdash$   |  | t  | <del>  -</del>                                   |              | $\dashv$ |          | 90       | <del>  -  </del> |           | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | +        | +  | 1 |          | 140      |          |          |           | $\dashv$        | _        |
| -             | 41          | $\vdash$   | $\vdash$     | $\vdash$ |  | $\vdash$   | $\vdash$   | <del>                                     </del> | -            | ᅱ        |          | 91       | +                | $\dashv$  | +        | $\dashv$ | -+            |           | $\dashv$ | +  | 1 |          | 141      | Н        |          |           | $\dashv$        |          |
| -             | 42          | $\vdash$   | <del> </del> |          | -  | $\vdash$   | $\vdash$   | +-   |              | $\dashv$ |          | 92       | +-+              | $\dashv$  | +        | $\dashv$ | $\dashv$      | -         | +        | +  | 1 |          | 142      |          |          |           | $\dashv$        | $\dashv$ |
| -             | 43          |  |              | $\vdash$ | $\vdash$   |  | $\vdash$   | $\vdash$   |              | $\dashv$ |          | 93       | +                | +         | $\dashv$ | +        | $\dashv$      | $\exists$ | -+       | 1  | 1 | -        | 143      | $\vdash$ | -        | <b></b> - | $\dashv$        | +        |
| -             | 44          | $\vdash$   | -            | $\vdash$ | $\vdash$   | -  | +  | $\vdash$   |              | $\dashv$ |          | 94       | ++               | +         | $\dashv$ | +        | $\dashv$      | +         |          | -  | 1 |          | 144      |          | $\vdash$ |           | $\dashv$        | _        |
| -             | 45          |  |              |          | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   |              | $\dashv$ |          | 95       | $\vdash$         | $\dashv$  |          | $\dashv$ | $\dashv$      | -         | $\dashv$ | +  | 1 |          | 145      | -        |          |           | i               | +        |
|               | 46          | $\vdash$   |              | $\vdash$ |  |  | <del> </del>                                     | -  | -            | $\dashv$ |          | 96       | +                | +         | +        | +        | $\dashv$      | $\dashv$  | +        | +  | 1 |          | 146      | H        |          |           | $\dashv$        | $\dashv$ |
| -             | 47          | $\vdash$   | -            |          | $\vdash$   |  | $\vdash$   | $\vdash$   |              | $\dashv$ | 1        | 97       | +                | +         | +        | +        | $\dashv$      | +         | +        | _  | 1 |          | 147      | $\vdash$ |          |           | -               | +        |
| -             | 48          | +  | -            |          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\dashv$ | -        | 98       | +                | $\dashv$  |          | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ | +  | 1 | -        | 148      | -        |          |           | -+              | +        |
| -             | 49          | $\vdash$   |              | $\vdash$ | $\vdash$   |  | $\vdash$   | $\vdash$   | <del> </del> | -        | -        | 99       |                  | +         | +        | +        | -+            |           | $\dashv$ | +- | 1 |          | 149      |          |          |           | $\dashv$        | _        |
| -             | 50          | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -            | $\dashv$ |          | 100      | ++               | +         | +        | +        | $\dashv$      | $\dashv$  | +        | +- | 1 | <b></b>  | 150      | $\vdash$ |          |           | $\dashv$        | +        |
| L             | 1 30        | 1  | ı            | ı        | 1  | 1  | 1  | 1  | 1            | - 1      | 1        | 1100     | 1 1              | - 1       | - 1      | - 1      | - 1           | - 1       | - 1      |    | 1 | ī        | 100      | ıl       |          | 1         |                 |          |